

11/11 Quiz 7

①

Raspberry	Apple	Soda	Fruit Fizz Total
1 $\frac{1}{6}$	2 $\frac{2}{3} = (\frac{4}{6})$	3 $\frac{3}{2} = (\frac{9}{6})$	6 liters Whole drink
$\frac{1}{2} = 0.5$	1	$1\frac{1}{2} = 1.5$	3
2	4	6	12

1:2:3

Totally Different Drink → → → →

② Per liter of soda mix  $\frac{2}{3}$  apple (A)

Apple to soda 2:3 (B)

$\frac{2}{3}$  = soda, rest is apple (C)

common ratio language (form)

- A)  $2:3$   $\frac{2}{3} : \frac{3}{3}$  ↑ proportions A+B (equal)
- B)  $2:3$
- C)  $\frac{1}{3} : \frac{2}{3}$   $1:2$

- A) 4:6 (soda)
- B) 4:6
- C) 3:6

- A)  $\frac{2}{5}$   $\frac{6}{15}$  fraction of apple
- B)  $\frac{2}{5}$   $\frac{4}{15}$  "
- C)  $\frac{1}{3}$   $\frac{2}{15}$  "

\* The recipe that's the least 'apple' is C. C is the least apple because for every  $\frac{1}{3}$  apple ~~there~~ there is  $\frac{2}{3}$  soda. That is a ratio of 1:2. A and B have a ratio of 2:3, which is more apple. In other words, for every liter of apple juice, there is 2 liters of soda.

11/11 Quiz 7

①

Raspberry	Apple	Soda	Fruit Fizz Total
1	2	3	6 liters
$\frac{1}{6}$	$\frac{2}{6} = \frac{1}{3}$	$\frac{3}{6} = \frac{1}{2}$	Whole drink
$\frac{1}{2} = 0.5$	1	$1\frac{1}{2} = 1.5$	3
2	4	6	12

1:2:3

Totally Different Drink  $\swarrow \searrow \swarrow \searrow$

② Per liter of soda mix  $\frac{2}{3}$  apple (A)

Apple to soda 2:3 (B)

$\frac{2}{3}$  = soda, rest is apple (C)

common ratio language (form)

- A)  $2:3$   $\frac{2}{3} : \frac{3}{3}$   $\uparrow$  proportions A+B (equal)
- B)  $2:3$
- C)  $\frac{1}{3} : \frac{2}{3}$   $1:2$

- A) 4:6 (soda)
- B) 4:6
- C) 3:6

- A)  $\frac{2}{5}$   $\frac{6}{15}$  fraction of apple
- B)  $\frac{2}{5}$   $\frac{6}{15}$  "
- C)  $\frac{1}{3}$   $\frac{4}{12}$  "

\* The recipe that's the least 'appley' is C. C is the least appley because for every  $\frac{1}{3}$  apple ~~there~~ there is  $\frac{2}{3}$  soda. That is a ratio of 1:2. A and B have a ratio of 2:3, which is more appley. In other words, for every liter of apple juice, there is 2 liters of soda.